

THIRD-ORDER LEVELING
NATIONAL GEODETIC VERTICAL DATUM OF 1929

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

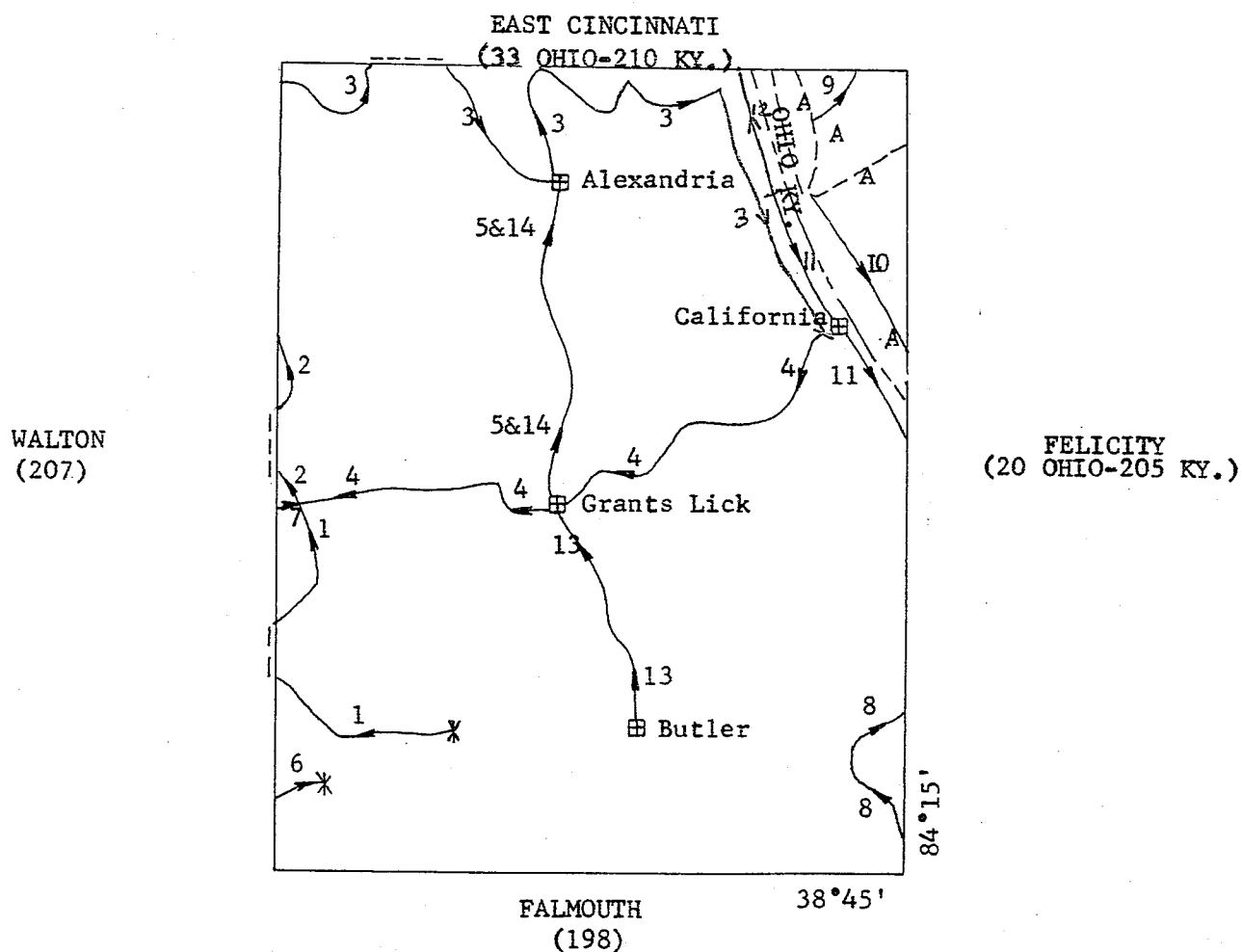
38-084-14
ALEXANDRIA QUADRANGLE
206 KY.-21 OHIO
N3845-W8415/15
DIAGRAM NJ 16-6
LOUISVILLE

Campbell, Kenton, and
Pendleton Counties,
Kentucky; Clermont
County, Ohio

Final adjustment of 1973

Edition of 6/17/77

PR: DSW/mid



NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 380841

* Tied to Isolated Bench Mark

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ISOLATED BENCH MARKS (By E. C. Bibbee, 1915; Book A9591,
H. Downes, 1928; Book B 3045, R. L. Harrison, 1928;
Book B 3058)

Feet

Clermontville; at junction of three rds.; directly in front of old
seminary; 2 ft W. of fence; on iron post; standard cap stamped
"501 OHIO"

500.357

Concord, 4.0 mi NW. of, along Ash Run and Sour Creek rds.; about
1.0 mi SE. of Lynn; 6 ft S. and 6 ft E. of entrance to front
yard of J. S. Burlew; in concrete post; standard tablet stamped
"TT STA NO 51 M 1928" (Reported disturbed, 1966) (Reported Destroyed,
1978)

576.623

Greenwood, 185 ft NE. of junction of U. S. Highway 25 and paved
rd. to Butler; 32 ft W. of, and in line with S. face of
Greenwood School; 30 ft E. of rd.; in concrete post; standard
tablet stamped "TT STA NO 49 M 1928"

894.914

De Mossville, 1.0 mi S. of, thence 1.3 mi SW.; on S. side of L. L.
L. Highway; 41 ft N. and 105 ft E. of house of C. W. Bornemann;
12 ft S. of stone wall; 1 ft W. of fence; in concrete post;
standard tablet not stamped

579.614

LINE 1.

By J. M. Lawson, 1929; Book B 3357

De Mossville, 55 ft S. and 230 ft W. of SW. corner of L. & N. Ry.
station; 55 ft S. and 105 ft E. of NE. corner of RR. bridge; 25
ft S. of S. rail; standard tablet not stamped (Not Found, 1978)

520.705

Fiskburg, 3.3 mi SE. of, along Madison Pike; 2.9 mi W. of De Moss-
ville; 0.6 mi SE. of hwy. bridge over North Fork of Grassy Creek;
50 ft W. of intersection of rd. forks SW. to Gardnersville; 4 ft
W. and 1 ft N. of corner fence post; in pasture and at gate; in
concrete post; standard tablet not stamped (Reported Not Found, 1978)

571.818

Reference mark; 100 ft SE. of tablet; in NW. corner of small wooden
bridge; in plank girder which runs under floor of bridge; copper
nail and washer

571.17

/Jogs into Walton quadrangle/

Fiskburg, 2.0 mi NE. of, along Little Cruise Creek Road; 0.8 mi S.
of Moffet-Morning View Pike; 10 ft S. of rd.; 10 ft W. of stone
steps leading to residence of George Mann; in concrete post;
standard tablet stamped "TT STA NO 10 TN 1929"

581.082

Kenton, 2.0 mi W. of; 4.0 mi NW. of Morning View; on Moffet-Morning
View Pike; 0.3 mi NW. of Kenton station; 40 ft S. of rd.; 3 ft
E. of NE. corner of Oak Island Baptist Church; in concrete post;
standard tablet stamped "TT STA NO 9 TN 1929 877"

877.467

LINE 2.Feet

By J. M. Lawson, 1929; Book B 3358

"TT STA NO 9 TN 1929 877" (Described in line 1)

877.467

LINE 3.

By J. M. Lawson, 1929; Book B3358

Springlake, 700 ft S. of post office; 257 ft S. of SE. corner of two-story concrete block and frame house; 161 ft NW. of SW. wing-wall of culvert; in concrete post; standard tablet stamped "TT 5 TN 1929 RESET 1963" (Reported disturbed, 1969) Reported Not Found, 1978)

517.058

Reference mark; main track of L. & N. RR. at center of rd. crossing on N. side of Springlake depot; top of E. rail

524.03

Cold Spring, 2.0 mi S. of; 4.3 mi NW. of Alexandria; 20 ft N. and 40 ft E. of junction of T-rd. N. to Cold Spring and Licking Pike; 20 ft S. and 35 ft E. of SW. corner of Gray Hill School; in concrete post; standard tablet stamped "TT STA NO 4 TN 1929"

710.640

Alexandria, at N. edge of city; 38 ft N. of rd. forks W. along Alexandria Pike; 4 ft NW. of telephone pole; 90 ft NW. of end of concrete sidewalk in Alexandria; in concrete post; standard tablet not stamped (Not Found, 1978)

843.169

Reference mark; 80 ft SW. of tablet; 20 ft W. of rd. forks W. to Licking Pike; in W. angle of rd. forks; in telephone pole; RR. spike

840.03

Alexandria, 2.6 mi N. of, along U. S. Highway 27; 50 ft S. and 30 ft E. of junction of T-rd. E. to Fourmile; 2 ft N. of NW. corner of barn of Tenmile House; 30 ft S. and 40 ft E. of stone bridge over creek; in concrete post; standard tablet stamped "TT STA NO 3 TN 1929" (Not found, 1964)

589.445

Fourmile, 1.0 mi SE. of; 10 ft S. and 15 ft W. of rd. forks S. to Alexandria and W. to Fourmile; 1 ft S. of NE. corner post of fence around plowed field; in concrete post; standard tablet stamped "TT STA NO 2 TN 1929" (Reported disturbed, 1953) Not found, 1977

674.220

Oneonta Station, 20 ft S. and 15 ft W. of NW. corner of Chesapeake & Ohio Railroad station; 15 ft E. of northbound track; 1 ft N. of SW. corner fencepost; in concrete post; standard tablet stamped "TT STA NO 1 TN 1929" (Not found, 1952)

500.863

California, 500 ft N. of station, in N. end of triangle formed by rds.; 26 ft S. and 46 ft W. of rd. crossing; in concrete post; standard tablet stamped "TT STA NO 57 M 1928" (Not found, 1953)

497.699

LINE 4.Feet

By C. E. Walker, 1929; Book B 3420

"TT STA NO 57 M 1928" (Described in line 3)	497.699
California, 2.4 mi SW. of; 1.5 mi NW. of Flag Spring; 30 ft N. and 15 ft W. of triangle at rd. forks NE. to California and NW. to Alexandria and S. to Gubser Mill; 60 ft N. of centerline of iron bridge over Twelvemile Creek; in SE. corner of pasture; in concrete post; standard tablet stamped	
"TT STA NO 13 TN 1929" (Reported destroyed, 1952)	566.352
Persimmon Grove School, 600 ft S. of; 10 ft N. and 40 ft W. of triangle at rd. forks leading SW. to Grants Lick and N. to Alexandria; in SE. corner of William Norketter's garden; in concrete post; standard tablet stamped	
"TT STA NO 14 TN 1929" (Destroyed, 1952)	869.162
Persimmon Grove, 2.0 mi SW. of; 20 ft N. and 45 ft W. of triangle at crossroads known as "Burns and Flatwoods" crossroads; 5 ft E. of SE. corner of blacksmith house of Jacob Siry; in concrete post; standard tablet stamped "TT STA NO 15 TN 1929"	857.487
Grants Lick; 30 ft S. and 31 ft W. of centerline of junction of T-rd. W. to Kenton and U. S. Highway 27; 1 ft W. of NE. corner fence-post around lot; in center of dim drive SW.; in concrete post; standard tablet stamped "TT STA NO 16 TN 1929" <u>NOT FOUND</u> , 1978	637.940
Reference mark, on fenceline 216 ft W. of tablet; in root of 48-in. sycamore tree; copper nail and washer	648.02
Grants Lick, 3.5 mi W. of; 0.5 mi E. of Kenton; 30 ft S. of centerline of rd.; 50 ft N. of NW. corner of front porch of Mrs. Lula Willis; 500 ft E. of ford at Licking River; in concrete post; standard tablet stamped "TT STA NO 17 TN 1929" <u>NOT FOUND</u> , 1978	525.090
"TT STA NO 9 TN 1929 877" (Described in line 1)(Also in line 2)	877.467

LINE 5.Feet

By J. M. Lawson, 1929; Book B 3358

"TT STA NO 16 TN 1929" (Described in line 4) 637.940

Alexandria, standard tablet not stamped (Described in line 3)
(Not Found, 1978) 843.169

"TT STA NO 3 TN 1929 " (Described in line 3) 589.445

LINE 6.

By E. O. Miner, 1949; Book AV 86

Gardnersville, 0.5 mi E. of, at NW. corner of rd. intersection; on
Beighly farm; 40 ft S. and 18 ft E. of barn; 2 ft N. and 6 ft W.
of fence corner; in concrete post; standard tablet not stamped
(Reported Not Found, 1978) 865.719

LINE 7.

By E. O. Miner, 1949; Book AV 86

"TT STA NO 9 TN 1929 877" (Described in line 1) (Also in lines 2
and 4) 877.467

LINE 8.

By E. S. Silcox, 1950; Book AV 194

U.E., Lenoxburg, 2.9 mi NW. of; 15 ft E. of centerline of State
Highway 10; on bottom concrete step leading to concrete block
milkhouse; chiseled square 903.79

U.E., Lenoxburg, 3.5 mi NW. of; 10 ft NE. of centerline of State
Highway 10; on first concrete step leading to two-story frame
house of W. T. Norris; chiseled square 915.06

Mt. Auburn School, 1.1 mi S. of, along State Highway 10; at large
Y-rd. intersection of hwy. and graveled rd. W.; 100 ft N. of
large two-story frame house; 62 ft SW. of State Highway 10; 4 ft
S. and 2 ft W. of wire fence corner; in concrete post; standard
tablet stamped "TT 20 DWP 1950 906" (Destroyed, 1978) 906.180

Reference mark; 63 ft S. of tablet; 28 ft SE. of centerline of lane;
25 ft NW. of two-story frame house; 1 ft SE. of gate; on bottom
concrete step; chiseled square 909.34

U.E., Lenoxburg, 5.0 mi NW. of; 0.5 mi S. of Mt. Auburn; 18 ft W.
of centerline of State Highway 10; on center of concrete gasoline
pump foundation; at store of J. J. Houston; chiseled square 881.78

Book AV 194

LINE 8. (Cont'd.)Feet

Mt. Auburn, 5.7 mi NW. of Lenoxburg; on grounds of Mt. Auburn School; 57 ft W. of centerline of State Highway 159; 47 ft NW. of NW. corner of school; 34 ft E. of centerline of driveway; in concrete post; NGS standard triangulation station disk stamped "AUBURN 1949" 905.431

Reference mark No. 1; at Mt. Auburn School; 0.5 ft E. of E. side of steps at front entrance to school; in concrete walk; NGS standard reference mark disk stamped "AUBURN NO 1 1949" 906.169

LINE 9.

By E. R. Shulze, 1952; Book AV 1038

"N 78 1935" (NGS) Not found, 1977 495.491

U.E., New Richmond, 2.2 mi NW. of, along U. S. Highway 52, thence 0.2 mi NE. along Pond Run Road; near center of S. edge of small bridge; on edge of bottom steel rail level with bridge; chiseled square 516.84

U.E., New Richmond, 2.2 mi NW. of, along U. S. Highway 52, thence 1.0 mi NE. along Pond Run Road; at top of grade; near W. side of S. concrete headwall of culvert; about 1 ft above rd.; chiseled square 601.18

U.E., New Richmond, 2.2 mi NW. of, along U. S. Highway 52, thence 1.6 mi NE. along Pond Run Road; 20 ft S. of T-drive W.; on center of E. concrete headwall of culvert; about 0.5 ft lower than centerline of rd. at T-drive W.; chiseled square 739.35

LINE 10.

By E. R. Shulze, 1952; Book AV 1038

New Richmond, about 108 ft E. of centerline of intersection of Market and Walnut Streets; about 2 blocks N. of U. S. Highway 52; 38 ft N. of centerline of Market Street; 24 ft W. of SW. corner of post office; 5 ft W. of center of drive; 3 ft NE. of fence corner; about level with roadway; on iron post; standard cap stamped "498 OHIO" (Tied by NGS, 1935) Not found, 1977 497.072

U.E., New Richmond, 0.6 mi SE. of intersection of Market and Walnut Streets; 22 ft SE. of centerline of intersection of Augusta Street, along U. S. Highway 52; 25 ft SW. of, and normal to centerline of hwy.; about level with intersection; on top of center of V-shaped concrete headwall; chiseled square 495.43

LINE 10 (Cont'd.)Feet

- U.E., New Richmond, 1.2 mi SE. of intersection of Market and Walnut Streets; about 500 ft SE. of S. corporate limit sign of New Richmond, along U. S. Highway 52; 23 ft N. and 12 ft W. of rd. at steep drive N. to residence of William Pohl; on top of metal culvert; chiseled cross 493.99
- New Richmond, 1.1 mi SE. of S. corporate limit sign, along U. S. Highway 52; 2.8 mi NW. of Point Pleasant; about 72 ft NW. of N. end of new brick house on NE. side of rd.; 42 ft NW. of N. end of old frame barn on SW. side of rd.; 27 ft NW. of, and normal to row of elm trees; 18 ft SW. of, and normal to centerline of hwy.; 1 ft SW. of guardrail fence; in concrete post; standard tablet stamped "8 EES 1952 509" Not found, 1977 508.917
- Reference mark No. 1; 100 ft SE. of tablet; across from old barn; 27 ft N. and 16 ft E. of hwy. at westernmost drive to new brick house; on top of stone abutment; chiseled cross 509.72
- Reference mark No. 2; 145 ft SE. of tablet; 19 ft N. of centerline of hwy.; on center of top of concrete headwall; chiseled cross 509.41
- New Richmond, 2.8 mi E. of Ferry Landing, along U. S. Highway 52; 2.3 mi W. of Point Pleasant, at crossroads (paved rd. E. of Boat Run Road and private graveled drive W.); 47 ft S. and 18 ft W. of intersection of crossroads; 20 ft S. of S. end of small concrete culvert; 1 ft W. of hwy. guardrail; in concrete post; standard tablet stamped "TT 31 DWP 1950" Not found, 1977 506.630

LINE 11. (less than 3rd. order)

By E. R. Shulze, 1952; Book AV 1038

- Oneonta, about 1.0 mi S. of, at Ohio River Lock and Dam 35; on center of dam between powerhouse and C. & O. Ry.; 49 ft riverside of center of riverside track; USED standard disk stamped "USED 502.638" (Designated BM 675) (Probably reset) Not found, 1977 501.905
- U.E., Lock and Dam 35, 0.5 mi SE. of, along Left Bank; 0.3 mi NW. of New Richmond station; on southernmost of line of concrete culverts; 15 ft W. of hwy.; on top of headwall; chiseled square 531.48
- U. E., Lock and Dam 35, 0.8 mi S. of; along Left Bank; 6 ft N. of S. end of New Richmond station; 14 ft E. of hwy.; 2 ft below rd. opposite RR. station; on S. side of concrete base for iron pipe; chiseled square 518.14

LINE 11 (Cont'd.)

Feet

U.E., Lock and Dam 35, 1.3 mi SE. of, along Left Bank; 0.5 mi SE. of New Richmond station; 325 ft N. of Bill's standard Oil service station; 16 ft E. of hwy.; on center of top of concrete headwall about 1 ft lower than rd.; chiseled square 511.74

California, 1.4 mi NW. of, along State Highway 8; 1.6 mi SE. of New Richmond station; 397 ft NW. of driveway W. to residence of Vera and Mac McCormick; 220 ft NW. of junction of private rd. SW.; 28 ft NW. and 22 ft NE. of, and 2 ft lower than centerline of hwy. at rd. E. across RR. tracks; 5 ft S. of power pole; in concrete post; standard tablet stamped "16 EES 1952 505" Not found, 1977 505.189

Reference mark; 60 ft NW. of tablet; 13 ft W. of hwy.; on top of concrete culvert headwall; chiseled square 507.30

U.E., California, 0.9 mi NW. of, along State Highway 8; 20 ft N. of N. end of large white frame barn; 18 ft W. of hwy.; level with rd. at culvert; on center of top of large concrete culvert headwall; chiseled square 499.71

U.E., California, 0.3 mi NW. of, along State Highway 8; 200 ft S. of narrow T-rd. E. across RR. tracks; 30 ft S. of S. end of white frame barn; 16 ft W. of centerline of rd.; level with rd. at culvert; on top of concrete headwall; chiseled square 501.16

California; on W. edge of A. J. Jolly Memorial Schoolyard; 160 ft SW. of SW. corner of schoolhouse; 11 ft SW. of S. end of schoolhouse, extended; 134 ft NW. along rd. from southernmost drive to school; 27 ft E. of, and normal to centerline of hwy.; 13 ft W. of 16-in. walnut tree about half way down hwy. bank; 4 in. lower than rd. at southernmost drive to school; in concrete post; standard tablet stamped "17 EES 1952" Not found, 1977 509.162

Reference mark; 185 ft NW. of tablet; 14 ft W. of rd.; on top of concrete culvert headwall, level with rd. opposite; chiseled square 511.45

LINE 12. *(less than 3rd. order)*

By E. R. Shulze, 1952; Book AV 1038

"USED 502.638" (Described in line 11) 501.905

LINE 12 (Cont'd.)Feet

U.E., Lock and Dam 35, 0.7 mi NW. of; at S. end of hwy. bridge over Twelvemile Creek; 12 ft E. of centerline of hwy.; about 1 ft above bridge; on SW. corner of concrete base for E. bridge railing; chiseled square	498.17
U.E., Lock and Dam 35, 1.1 mi NW. of; 175 ft NW. of, and level with dim cross road (drive W. and rd. E.); 19 ft W. of hwy.; on top of concrete headwall; chiseled square	518.42
U.E., Lock and Dam 35, 2.0 mi NW. of; 22 ft N. of junction of driveway SW. up hill; 115 ft N. of N. end of concrete retaining wall; 18 ft W. of centerline of hwy.; 3 ft below rd. at drive; on top of concrete headwall; chiseled square	508.32
Ross, 2.2 mi SE. of, along State Highway 8; 2.6 mi NW. of Lock and Dam 35; 26 ft SE. of driveway SW. to farm; about 340 ft NW. along hwy. from RR. signal No. 6454; 83 ft NE. of NE. corner of large frame barn; 23 ft SW. of, and normal to centerline of hwy.; 9 ft S. and 2 ft W. of N. end of concrete retaining wall; in concrete post; standard tablet stamped "20 EES 1952"	513.425
Reference mark; 41 ft NE. of tablet; on top of concrete headwall; chiseled square	508.05

LINE 13.

By E. R. Shulze, 1952; Book AV 1038

Butler, 15 ft N. and 30 ft E. of NE. corner of Louisville & Nashville Railroad station; in NW. corner of small park; in concrete post; standard tablet stamped "TT STA NO 50 M 1928" (Reported Destroyed, 1978)	540.343
U.E., Butler, 1.2 mi NE. of; 27 ft S. and 34 ft W. of centerline of junction of State Highway 609 with U. S. Highway 27; on NW. corner of concrete base for "Butler" signpost; chiseled square	536.78
U.E., Butler, 1.2 mi NE. of, along State Highway 609, thence 0.8 mi N. along U. S. Highway 27; 500 ft S. of junction of dim rd. NW.; at top of large hill; 28 ft E. of rd.; near concrete pavement drain; on top of concrete headwall; chiseled square	614.46
Butler, 1.2 mi NE. of, along State Highway 609, thence 1.8 mi N. along U. S. Highway 27; 4.0 mi S. of Grants Lick; 0.6 mi N. of crossing of old U. S. Highway 27; 37 ft N. and 39 ft E. of hwy. at driveway W.; about 3 ft above rd.; in concrete post; standard tablet stamped "36 EES 1952"	658.208

LINE 13 (Cont'd.)

	<u>Feet</u>
Reference mark; 52 ft S. of tablet; on S. end of metal culvert; chiseled cross	651.75
U.E., Grants Lick, 3.2 mi S. of; at top of long hill; 190 ft N. of junction of graveled drive SW.; 39 ft E. of, and about 10 ft lower than rd.; on concrete headwall; chiseled square	802.63
U.E., Grants Lick, 2.6 mi S. of; 1.4 mi NW. of tablet, along hwy.; about 300 ft N. of "Club Moon-Lite"; 24 ft S. and 24 ft W. of rd. at driveway W.; on top of metal culvert; chiseled cross	701.50
Grants Lick, 2.6 mi SE. of, along U. S. Highway 27; 1.4 mi NW. of Campbell-Pendleton County line; at Plum Creek Christian Church; 88 ft SE. of drive to church; 50 ft NE. of, and normal to centerline of hwy.; 46 ft NW. of NW. corner of church; 2 ft E. of N. end of concrete retaining wall in front of church; about 10 ft above rd. at drive to church; in concrete post; standard tablet stamped "37 EES 1952"	693.759
Reference mark; 45 ft S. of tablet; directly in front of church; on S. end of first concrete step up retaining wall; chiseled square	682.59
U.E., Grants Lick, 1.4 mi SE. of, along U. S. Highway 27; 78 ft NW. of junction of Nagel rd. SW., along hwy.; 26 ft NE. of, normal to, and about 2 ft lower than centerline of hwy.; on S. end of concrete headwall; chiseled square	683.17
U.E., Grants Lick, 0.2 mi NE. of; 130 ft SE. of junction of rd. SW. into Grants Lick and U. S. Highway 27; 19 ft NE. of, and normal to centerline of hwy.; on NW. corner of concrete base for bridge guardrails; chiseled square	649.56
"TT STA NO 16 TN 1929" (Described in line 4)	637.940

LINE 14.

By E. R. Shulze, 1952; Book AV 1038

U.E., Grants Lick, 0.2 mi NE. of; chiseled square (Described in line 13)	649.56
U.E., Grants Lick, 0.5 mi N. of rd. junction on NE. side of, along U.S. Highway 27; on top of grade; 3 ft N. of path E. to farmhouse; 38 ft E. of centerline of hwy.; in crotch of small hickory tree; copper nail and washer	682.69
Grants Lick, 2.4 mi N. of, along U. S. Highway 27; 0.6 mi N. of junction of State Highway 9 NW.; 217 ft S. of centerline of crossroads; 25 ft N. of, and 4 ft below intersection of N. part of Y-drive SE.; 39 ft E. of, and normal to centerline of hwy.; in concrete post; standard tablet stamped "38 EES 1952"	717.516

Book AV 1038

LINE 14 (Cont'd.)Feet

Reference mark; 28 ft N. of tablet; on N. side of hickory tree; copper nail and washer	717.58
U.E., Grants Lick, 3.5 mi N. of, along U. S. Highway 27; about 200 ft S. of top of hill; 26 ft E. of centerline of hwy.; opposite drive W. up hill; about 2 ft lower than rd. at drive; on top of concrete headwall; chiseled square	735.58
Alexandria, 1.5 mi S. of junction of State Highway 10, along U. S. Highway 27; 4.8 mi N. of Grants Lick; 350 ft S. of top of hill; 123 ft S. of intersection of graveled rd. SW. around top of hill; 38 ft E. of, and normal to centerline of hwy.; 1 ft SW. of fence-line SE.; 5 ft NW. of power pole; 4 ft lower than hwy. at T-rd.; in concrete post; standard tablet stamped "39 EES 1952" (Reported Not Found, 1978)	757.095
Reference mark; 60 ft SE. of tablet, along fenceline; in root on W. side of elm tree; copper nail and washer	753.72
Alexandria, W. side of; 0.3 mi N. of junction of State Highway 10, along U. S. Highway 27; 37 ft N. and 61 ft E. of, and 2 ft higher than centerline of crossroads; 6 ft N. and 1 ft W. of woven wire fence corner; in concrete post; standard tablet stamped "40 EES 1952" (Reported destroyed, 1964)	823.396
Reference mark; 42 ft NW. of tablet; on top of S. end of metal culvert; chiseled cross	822.18
U.E., Alexandria, 1.5 mi N. of, along U. S. Highway 27; 147 ft SW. of junction of East Alexandria Pike N., along hwy.; 22 ft NE. of, and normal to centerline of rd.; 4 ft higher than T-rd. N.; on top of N. end of metal culvert; chiseled cross	825.22
U.E., Alexandria, 1.5 mi N. of, along U. S. Highway 27; thence 0.6 mi N. along East Alexandria Pike; near bottom of steep part of long hill; 21 ft E. of centerline of rd.; on center of top stone headwall; chiseled square	629.87
"TT STA NO 3 TN 1929" (Described in line 3) (Also in lines 5 and 14)	589.445

HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

UNITED STATES
DEPARTMENT OF THE INTERIOR
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N3845-W8415/15
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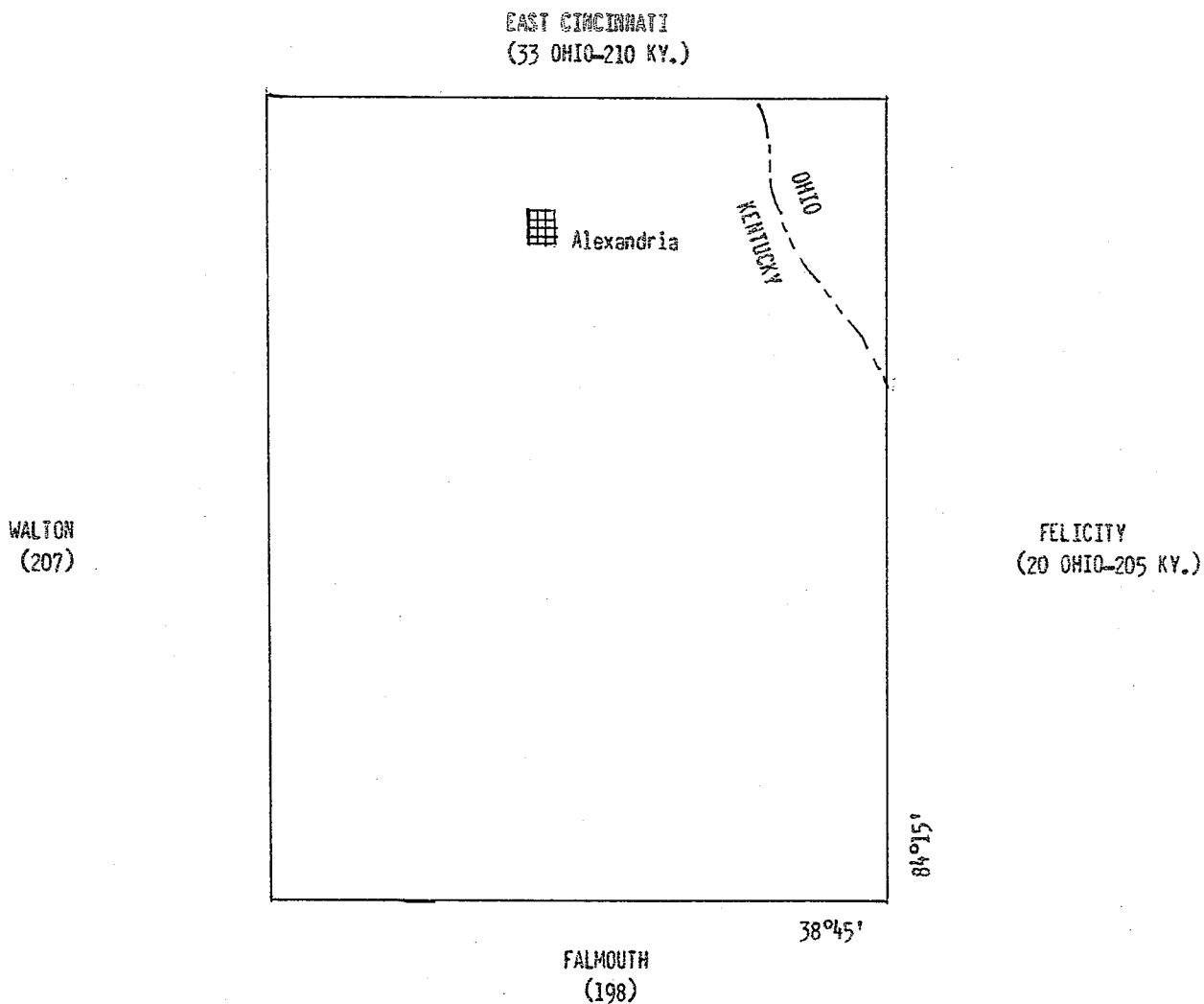
Campbell, Kenton, and Pendleton Counties,
Kentucky; Clermont County, Ohio

Edition of 5/27/77

PR: CRV/rmm

Plane coordinates are based on Lambert projection,
Kentucky, North Zone, and Ohio, South Zone

Only the permanent marks are
listed for control classified
obsolete and are not shown on
sketch



206 KY.-21 OHIO
ALEXANDRIA QUADRANGLE

38-084-14
N3845-W8415/15

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STATION	DESCRIPTION	LATITUDE	LONGITUDE
PLANE COORDINATES, FEET		° ' "	° ' "

The following positions are considered OBSOLETE. To be used only to locate permanent marks in the field.

By S. H. Moyers, 1928; Books C8436, C8438-81

California; 500 ft N. of station; in N. end of triangle formed by rds.; 26 ft S. and 46 ft W. of rd. crossing; in concrete post; standard tablet stamped "TT STA NO 57 M 1928" (Not found, 1953)

Ky. N.)	X = 1,995,804	Y = 515,950	38 55 00.49	84 15 53.09
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Carthage; 4 ft S. and 7 ft W. of SW. corner of Methodist Church; 3 ft W. of concrete stoop; in concrete post; standard tablet stamped "TT STA NO 58 M 1928" Not found, 1977

	X = 1,982,992	Y = 522,782	38 56 07.96	84 18 35.23
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Alexandria, 3.8 mi SE. of; 2.1 mi W. of Carthage; 10 ft N. and 30 ft E. of rd. fork E. to Carthage; 12 ft N. and 6 ft E. of rd. signboard; in concrete post; standard tablet stamped "TT STA NO 59 M 1928" (Not found, 1953)

	X = 1,973,571	Y = 520,560	38 55 45.91	84 20 34.42
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By S. H. Moyers, 1928; Books C8441-43, C8446-47

Butler; 15 ft N. and 30 ft E. of NE. corner of Louisville and Nashville Railroad station; in NW. corner of small park; in concrete post; standard tablet stamped "TT STA NO 50 M 1928" (Destroyed, 1978)

	X = 1,966,282	Y = 468,574	38 47 11.97	84 22 05.82
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Concord, 4.0 mi NW. of, along Ash Run and Sour Creek Roads; about 1.0 mi SE. of Lynn; 6 ft E. and 6 ft S. of entrance to frontyard of J. S. Burlew; in concrete post; standard tablet stamped "TT STA NO 51 M 1928" (Reported disturbed, 1966) (Destroyed, 1978)

	X = 1,974,761	Y = 456,001	38 45 07.78	84 20 18.61
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By E. M. Thompson, 1929; Books C8915-16, C8920

Oneonta Station; 20 ft S. and 15 ft W. of NW. corner of Chesapeake and Ohio Railway Station; 15 ft E. of northbound track; 1 ft N. of SW. corner fencepost; in concrete post; standard tablet stamped "TT STA NO 1 TN 1929" (Not found, 1953)

	X = 1,984,897	Y = 537,492	38 58 33.37	84 18 11.23
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Fourmile, 1.0 mi SE. of; 10 ft S. and 15 ft W. of rd. forks S. to Alexandria and W. to Fourmile; 1 ft S. of NE. post of fence around plowed field; in concrete post; standard tablet stamped "TT STA NO 2 TN 1929" (Reported disturbed, 1953) Not found, 1977

	X = 1,973,973	Y = 542,395	38 59 21.74	84 20 29.62
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STATION DESCRIPTION
PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

OBSOLETE MARKS (Cont'd.)

Alexandria, 2.6 mi N. of, along U. S. Highway 27; 50 ft S. and 30 ft E. of junction of I-rd. E. to Fourmile; 2 ft N. of NW. corner of barn of Tennile House; 30 ft S. and 40 ft E. of stone bridge over creek; in concrete post; standard tablet stamped "TT STA NO 3 TN 1929" (Not found, 1964)

Ky. N.) X = 1,958,101 Y = 544,520 38 59 42.55 84 23 50.67

Cold Spring, 2.0 mi S. of; 4.3 mi NW. of Alexandria; 20 ft N. and 40 ft E. of junction of I-rd. N. to Cold Spring and Licking Pike; 80 ft SE. of SE. corner of house; 27 ft N. of N. edge of rd.; 9.7 ft N. of utility pole; in concrete post; standard tablet stamped "TT STA NO 4 TN 1929"

X = 1,946,678 Y = 543,315 38 59 30.42 84 26 15.32

Springlake; 700 ft S. of post office; 257 ft S. of SE. corner of two-story concrete block and frame house; 161 ft NW. of SW. wingwall of culvert; in concrete post; standard tablet stamped "TT 5 TN 1929 RESET 1963" (Reported disturbed, 1969) (Reported Not Found, 1978)

X = 1,938,869 Y = 544,612 38 59 43.08 84 27 54.26

Kenton, 2.0 mi NW. of; 4.0 mi NW. of Morning View, along Moffet-Morning View Pike; 0.3 mi NW. of Kenton station; 40 ft S. of rd.; 3 ft E. of NE. corner of Oak Island Baptist Church; in concrete post; standard tablet stamped "TT STA NO 9 TN 1929 877"

X = 1,930,613 Y = 496,994 38 51 52.21 84 29 37.22

Fiskburg, 2.0 mi NE. of Little Cruise Creek Road; 0.8 mi S. of Moffet-Morning View Pike; 10 ft S. of hwy.; 10 ft W. of stone steps to residence of George Mann; in concrete post; standard tablet stamped "TT STA NO 10 TN 1929"

X = 1,930,622 Y = 485,104 38 49 54.68 84 29 36.72

California, 2.4 mi W. of; 1.5 mi N. of Flag Springs; 30 ft N. and 15 ft W. of triangle at rd. forks NE. to California and NW. to Alexandria and S. to Gubser Mill; 60 ft N. of center of iron bridge over Twelvemile Creek; in SE. corner of pasture; in concrete post; standard tablet stamped "TT STA NO 13 TN 1929" (Reported destroyed, 1952)

X = 1,988,915 Y = 511,210 38 54 13.61 84 17 20.22

Persimmon Grove School; 600 ft S. of; 10 ft N. and 40 ft W. of triangle at rd. forks leading SW. to Grants Lick and N. to Alexandria; in SE. corner of garden of William Norketter; in concrete post; standard tablet stamped "TT STA NO 14 TN 1929" (Not found, 1952)

X = 1,975,538 Y = 507,007 38 53 31.98 84 20 09.37

STATION	DESCRIPTION	LATITUDE	LONGITUDE
PLANE COORDINATES, FEET		" ' "	" ' "

OBSOLETE MARKS (Cont'd.)

Persimmon Grove, 2.0 mi SW. of; 20 ft N. and 45 ft W. of triangle at crossroads known as "Burns and Flatwoods" crossroads; 5 ft E. of SE. corner of blacksmith house of Jacob Siry; in concrete post; standard tablet stamped "TT STA NO 15 TN 1929"

Ky. N.)	X = 1,970,998	Y = 499,854	38 52 21.23	84 21 06.70
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Grants Lick, 30 ft S. and 31 ft W. normal to center of junction of I-rd. W. to Kenton and old U. S. Highway 27; in center of dim drive SW.; in concrete post; standard tablet stamped "TT STA NO 16 TN 1929" ~~NOT FOUND, 1978~~

	X = 1,958,937	Y = 496,050	38 51 43.46	84 23 39.13
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Grants Lick, 3.5 mi W. of; on Kenton Station Road; 30 ft S. of centerline of rd.; 50 ft N. of NW. corner of front porch of Mrs. Lula Willis; 500 ft E. of ford at Licking River; in concrete post; standard tablet stamped "TT STA NO 17 TN 1929" ~~NOT FOUND, 1978~~

	X = 1,943,166	Y = 497,149	38 51 54.05	84 26 58.54
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By D. W. Pinkston, 1950; Book AN 200

Mt. Auburn School, 1.1 mi S. of, along State Highway 10; at large V-rd. intersection of hwy. at graveled rd.; about 100 ft N. of large white farmhouse; 62 ft SW. of hwy.; 4 ft S. and 2 ft W. of wire fence corner; in concrete post; standard tablet stamped "TT 20 DWP 1950 906" (Reported Destroyed, 1978)

	X = 1,995,275	Y = 463,967	38 46 26.65	84 15 59.67
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New Richmond; about 2.2 mi NW. of junction of State Highway 132, along U.S. Highway 52; about 750 ft E. of center of crossing of Pond Run Road; about 60 ft W. of pole RC 905; 22 ft W. of centerline of hwy.; 18 ft SE. of SE. corner of group of elm trees; 7 ft S. and 21 ft W. of centerline of Highway 52 and private drive NE.; about level with roadway; in concrete post; NGS standard disk stamped "N 78 1935" Not found, 1977

	X = 1,988,732	Y = 540,392	38 59 02.05	84 17 22.69
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New Richmond; about 108 ft E. of centerline of intersection of Market and Walnut Streets; about 2 blocks N. of U. S. Highway 52; 38 ft N. of centerline of Market Street; 24 ft W. of SW. corner of post office; 5 ft W. of center of drive; 3 ft NE. of fence corner; about level with roadway; on iron post; standard cap stamped "498 OHIO" Not found, 1977

	X = 1,991,087	Y = 528,530	38 57 04.82	84 16 52.81
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New Richmond, 2.8 mi E. of Ferry Landing, along U. S. Highway 52; 2.3 mi W. of Point Pleasant; at crossroads (paved rd. E. of Boat Run Road and private graveled drive W.); 47 ft S. and 3 ft W. of intersection of crossroads; 20 ft S. of S. end of small concrete culvert; 1 ft W. of hwy. guardrail; in concrete post; standard tablet stamped "TT 31 DWP 1950" Not found, 1977

	X = 1,998,971	Y = 517,931	38 55 20.07	84 15 13.02
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STATION	DESCRIPTION	LATITUDE	LONGITUDE
	PLANE COORDINATES, FEET	° ' "	° ' "

OBSOLETE MARKS (Cont'd.)

By H. C. Lemoine, 1952; Book AH 1038

Butler, 1.2 mi NE. of, along State Highway 609, thence 1.8 mi N. along U. S. Highway 27; 4.0 mi S. of Grants Lick; 0.6 mi N. of crossing of old U. S. Highway 27; 37 ft N. and 39 ft E. of hwy. at driveway E.; about 3 ft higher than rd.; in concrete post; standard tablet stamped "36 EES 1952 658 IT"

X = 1,969,111	Y = 479,733	38 49 02.31	84 21 30.25
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Grants Lick, 2.6 mi SE. of, along U. S. Highway 27; 1.4 mi NW. of Campbell-Pendleton County line; at Plum Creek Christian Church; 88 ft SE. of drive to church; 50 ft NE. of, and normal to centerline of hwy.; 46 ft NW. of NW. corner of church; 2 ft E. of N. end of concrete retaining wall in front of church; about 10 ft higher than rd. at drive to church; in concrete post; standard tablet stamped "37 EES 1952 694 IT"

X = 1,965,210	Y = 488,176	38 50 25.72	84 22 19.71
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Grants Lick, 2.4 mi N. of, along U. S. Highway 27; 0.6 mi N. of junction of State Highway 9 NW.; 217 ft S. of centerline of crossroads; 25 ft N. of, and 4 ft below intersection of N. part of Y-drive SE.; 39 ft E. of, and normal to centerline of hwy.; in concrete post; standard tablet stamped "38 EES 1952 718 IT"

X = 1,961,391	Y = 508,426	38 53 45.83	84 23 08.33
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Alexandria, 1.5 mi S. of junction of State Highway 10, along U. S. Highway 27; 4.8 mi N. of Grants Lick; 350 ft S. of top of hill; 123 ft S. of intersection of graveled rd. SW.; around top of hill; 38 ft E. of, and normal to centerline of hwy.; 1 ft SW. of fenceline SE.; 5 ft NW. of power pole; 4 ft lower than hwy. at I-rd.; in concrete post; standard tablet stamped "39 EES 1952 757 IT" (Reported Not Found, 1978)

X = 1,958,885	Y = 522,722	38 56 07.10	84 23 40.32
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Alexandria, W. side of; 0.3 mi N. of junction of State Highway 10, along U. S. Highway 27; 37 ft N. and 61 ft E. of, and 2 ft higher than centerline of crossroads; 6 ft N. and 1 ft W. of woven wire fence corner; in concrete post; standard tablet stamped "40 EES 1952 823 IT" (Reported destroyed, 1964)

X = 1,959,398	Y = 532,321	38 57 41.98	84 23 34.01
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MARKS TIED BY HGS

By S. H. Moyers, 1928; Books C8441-43, C8446-47

Greenwood, 185 ft NE. of junction of U.S. Highway 25 and paved rd. to Butler; 32 ft W. of, and in line with S. face of Greenwood School; 30 ft E. of rd.; in concrete post; standard tablet stamped "TT STA NO 49 M 1928"

X = 1,960,254,469	Y = 455,648.86	38 45 04.130	84 23 21.695
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DISCLAIMER

We no longer attest to the validity of the positions listed for horizontal control established by transit traverse procedures. This control is now considered OBSOLETE and is included in this list for the purpose of identification only.